

# Snowmass Early Career Neutrino Frontier Coordination - An Introduction

First Term Leaders: Erin Conley, Xianyi Zhang

Temporary Liaisons: Erin Conley, Vishvas Pandey, Tanaz Mohayai

On behalf of Snowmass Early Careers in Neutrino Frontier

Neutrino Frontier Town Hall

7/17/2020

## Who we are

Snowmass early career members (students, postdocs, EC technical staffs, and new faculties) with neutrino research backgrounds and interests

We represent early career neutrino researchers in the snowmass process

We have leaders with 3-month terms who act as liaisons between the NF conveners and early careers

Our ultimate goal is to provide input to the snowmass process on behalf of early career scientists

## Current status

We hold weekly meetings; announcements are made on the general snowmass early career Slack channel, #snowmass-young

We have an email list: [SNOWMASS-EC-NEUTRINOFONTIER@listserv.fnal.gov](mailto:SNOWMASS-EC-NEUTRINOFONTIER@listserv.fnal.gov)

In addition to 3-month leadership terms, we have dedicated topical group early career liaisons to ensure representation in all areas

# Current Organizational Structure

## Leadership List (each with 3-months shift):

Leadership volunteers	Shift
Erin Conley (erin.conley@duke.edu)	July - Sep 2020
Xianyi Zhang (zhang39@llnl.gov)	July - Sep 2020
Steven Gardiner (gardiner@fnal.gov)	Sep - Nov 2020
Vishvas Pandey (vpandey@fnal.gov)	Oct - Dec 2020
Jay Jo (jayhyun.jo@yale.edu)	Dec 2020 - Feb 2021
TBD	Jan - Mar 2021
Tanaz Mohayai (mtanaz@fnal.gov)	Mar - May 2021
Jacob Zettlemoyer (jzettle@fnal.gov)	Apr - June 2021
TBD	May - July 2021

## Topical liaisons:

Topical groups attendance volunteers	Full Name	Email
<a href="#">NF01: Neutrino Oscillations</a>	Tanaz Mohayai	mtanaz@fnal.gov
	Jay Jo	jayhyun.jo@yale.edu
	Teresa Lackey	tlackey@iu.edu
<a href="#">NF02: Sterile Neutrinos</a>	Jacob Zettlemoyer	jzettle@fnal.gov
	Vishvas Pandey	vpandey@fnal.gov
<a href="#">NF03: BSM</a>	Kevin Kelly	kkelly12@fnal.gov
<a href="#">NF04: Neutrinos from natural sources</a>	Cindy Lin	ylin@snolab.ca
	Steven Gardiner	gardiner@fnal.gov
	Erin Conley	erin.conley@duke.edu
<a href="#">NF05: Neutrino properties</a>	Cindy Lin	ylin@snolab.ca
<a href="#">NF06: Neutrino Interaction Cross Sections</a>	Jacob Zettlemoyer	jzettle@fnal.gov
	Vishvas Pandey	vpandey@fnal.gov
	Steven Gardiner	gardiner@fnal.gov
	Tanaz Mohayai	mtanaz@fnal.gov
<a href="#">NF07: Applications</a>	Xianyi Zhang	zhang39@llnl.gov
<a href="#">NF08: Theory of Neutrino Physics</a>	Vishvas Pandey	vpandey@fnal.gov
<a href="#">NF09: Artificial Neutrino Sources</a>	Tanaz Mohayai	mtanaz@fnal.gov
	Jacob Zettlemoyer	jzettle@fnal.gov
<a href="#">NF10: Neutrino Detectors</a>	Tanaz Mohayai	mtanaz@fnal.gov
	Jay Jo	jayhyun.jo@yale.edu

# Short term and long term goals (under development)

## Short term:

- Regularly hold meetings, communicate with, and hold surveys within the Snowmass early career community
- Encourage early career members to participate in the Snowmass process

## Long term:

- Share ideas from early career community with topical conveners and help devise plans for the future of neutrino research and physics education
- Provide reports to early career scientists about the progress in Snowmass process